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3		·	23			2003/10/31 13:32
2 3 "2002057438"						
2 3 "2002057438" USPAT; US-EQUB; EPO; JPO; DERMENT USPAT; US-EQUB; EPO; JPO; JPO; JPO; JPO; JPO; JPO; JPO; J				4541721.pii. 5652672.pii.		
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3 "2002057438" EPO; JPO; DERWENT USPAT; US-FCPUB; EPO; JPO; DERWENT USPAT; USPAT; US-FCPUB; EPO; JPO; DERWENT USPAT; USPAT			3	2002037436	·	2003/10/31 13.33
3 3 "2002057438" USPAT; US-PGUB; EPO; JPO; DERWENT USPAT; USP						
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9 838 (contour topography) same (pattern\$4) same (conver\$4) and 356/601-622.ccls. US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB;		0	12004		· ·	2003/10/31 11:30
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9 838 (contour topography) same (pattern\$4) same (DSPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; DEPO; JPO; DERWENT US-PGPUB; DEPO; JPO; DERWENT			•		· ·	·
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11 13 ((contour topography) same (pattern\$4) USPAT; USPA					· ·	
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15 15 ((contour topography) same (pattern\$4) USPAT; USPA		14	965		·	2003/10/31 15:00
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16 2 (((contour topography) same (pattern\$4)				same (conver\$4)) and 356/601-622.ccls.		
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18	1957122	detector or sensor	USPAT;	2003/10/31 14:59
			US-PGPUB;	
		·	EPO; JPO;	
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19	17725	known near3 distance	USPAT;	2003/10/31 14:58
			US-PGPUB;	
			EPO; JPO;	
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20	142833	(light near3 source) and (detector or	USPAT;	2003/10/31 14:58
		sensor)	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
21	1173	detector same (known near3 distance)	USPAT;	2003/10/31 15:00
			US-PGPUB;	
			EPO; JPO;	
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22	114	(light near3 source) same (detector same	USPAT;	2003/10/31 15:00
		(known near3 distance))'	US-PGPUB;	
			EPO; JPO;	1
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23	23303	topography	USPAT;	2003/10/31 15:00
			US-PGPUB;	
			EPO; JPO;	
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24	4	((light near3 source) same (detector same	USPAT;	2003/10/31 15:00
		(known near3 distance))) and topography	US-PGPUB;	
			EPO; JPO;	
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US-PAT-NO: 6205243

DOCUMENT-IDENTIFIER: US 6205243 B1

TITLE: System and method for rapid shape

digitizing and

adaptive mesh generation

----- KWIC -----

Brief Summary Text - BSTX (4):

Speed, accuracy, and portability have been recurrent and difficult to

achieve goals for devices that scan, measure or otherwise collect data about 3D

objects for purposes such as reproduction. With the advent of computers, such

devices have useful application in many fields, such as digital imaging,

computer animation, topography, reconstructive and plastic surgery, dentistry,

architecture, industrial design, anthropology, biology, internal medicine,

milling and object production, and other fields. These computer-aided systems

obtain information about an object and then transform the shape, contour,

color, and other information to a useful, digitized form.

Claims Text - CLTX (82):

(a) projecting a stripe of light onto said object to create a first luminous

contour line at an intersection of said stripe of light and said object, the

light-source unit being arranged in relation to said image detector at a known

distance along a line extending between said light-source unit and said image

detector, with the light-source unit protecting the stripe of light in each

position following a line that is associated with an angle, the associated

angle being determinable from the relationship between the

line of focus and the line extending between said light-source unit and said image detector, with the positioning of the said stripe of light at the first location with an associated angle for that s position;